

**To:** Nancy A. Nord[nnord@ofwlaw.com]  
**Cc:** Carusiello, Chris[Carusiello.Chris@epa.gov]; Chow, Rita[Chow.Rita@epa.gov]; McQueen, Jacqueline[McQueen.Jacqueline@epa.gov]; Elliot Belilos[ebelilos@ofwlaw.com]; Mooney, Charlotte[Mooney.Charlotte@epa.gov]; Janjic, Ksenija[Janjic.Ksenija@epa.gov]; Coleman, Cheryl[Coleman.Cheryl@epa.gov]; Hauchman, Fred[hauchman.fred@epa.gov]; Bray, Brandon[Bray.Brandon@epa.gov]; Joseph, Gabbrielle[Joseph.Gabbrielle@epa.gov]; ORCR IO[ORCR\_IO@epa.gov]; Thomas, Kent[thomas.kent@epa.gov]  
**From:** Villamizar, Nicole  
**Sent:** Mon 3/21/2016 3:04:31 PM  
**Subject:** Final Agenda: EPA Meeting w/Synthetic Turf Industry 3/22/16 2:30pm - 4:00pm  
[EPA Anticipated Attendee List and Directions STC RRC SFA March 22 Meeting.docx](#)  
[Final Agenda STC RRC SFA March 22 Meeting.docx](#)

Good morning Nancy:

Attached please find the final agenda and directions to EPA's Potomac Yard Office for our meeting from 2:30pm – 4:00pm tomorrow. We will have a projector available for any of your presentations; however, do note that in the past we have experienced connection/display difficulties when a non-EPA computer has been connected to the system. Therefore, if you would please forward me any presentations in advance, or bring them on a portable jump drive, I can plan to display them on my laptop should any issues arise. As a reminder, please plan to arrive 15 minutes before the start of the meeting and contact Chris Carusiello, at (407) 421-0054 to be signed in and escorted through security. As an alternative, you can also contact me at (703) 347-8952. The security process is similar to airport security.

Thank you,

Nicole Villamizar

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Nicole L. Villamizar

Industrial Materials Reuse Branch

U.S. EPA Office of Resource Conservation & Recovery

1200 Pennsylvania Ave., N.W. (MC 5306P)

Washington, DC 20460

Tel: (703) 347-8952

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**From:** Villamizar, Nicole  
**Sent:** Thursday, March 17, 2016 6:39 PM  
**To:** 'Nancy A. Nord' <nnord@ofwlaw.com>  
**Cc:** Carusiello, Chris <Carusiello.Chris@epa.gov>; Chow, Rita <Chow.Rita@epa.gov>; McQueen, Jacqueline <McQueen.Jacqueline@epa.gov>; Elliot Belilos <ebelilos@ofwlaw.com>; Mooney, Charlotte <mooney.charlotte@epa.gov>; Janjic, Ksenija <Janjic.Ksenija@epa.gov>; Coleman, Cheryl <coleman.cheryl@epa.gov>  
**Subject:** RE: crumb rubber issue: request for meeting

Nancy:

Attached and copied below please find our draft final agenda for the meeting on March 22. As referenced in our earlier email exchanges with you, EPA has identified some specific topics of interest to help guide our discussion. We've referenced those topics in the Agenda as well. It is our hope that the representatives from the synthetic turf industry who will be in attendance will be able to address those topics during our meeting Tuesday, or through follow-up activities. We also are amenable to making revisions or additions to the Agenda, if you'd like to propose any changes. I would be happy to touch base with you tomorrow (Friday 3/17) or Monday 3/16 regarding the agenda or any proposed changes. Finally, I've also attached a list of expected invitees as well as directions to our meeting space. Thank you again, and we are looking forward to a productive dialogue on Tuesday.

Sincerely,

Nicole Villamizar

## **U.S. EPA Meeting with the Synthetic Turf Council, Recycled Rubber Council and**

*Safe Fields Alliance*

*March 22, 2016 – 2:30pm – 4:00pm*

*One Potomac Yard*

*2777 S. Crystal Drive, Arlington, VA 22202*

*Room S-6100 (6<sup>th</sup> floor)*

## Meeting Agenda

**Purpose:** The purpose of this meeting is for EPA to share information relevant to the *Federal Research Action Plan on the Use of Recycled Tire Crumb on Playing Fields and Playgrounds* and hear information from the synthetic turf industry related to crumb rubber manufacturing, use, and installation on synthetic turf fields. For more information on the Action Plan, see: [www.epa.gov/tirecrumb](http://www.epa.gov/tirecrumb)

- |               |   |                              |
|---------------|---|------------------------------|
| <b>2:30pm</b> | Welcome & Introductions (10 min)  | <i>EPA and All</i>           |
| <b>2:40pm</b> | Overview of EPA's role in implementing the Federal Research Action Plan (10 min)  | <i>EPA</i>                   |
| <b>III.</b>   | Industry presentation and discussion on topics including: (40 min)  |                              |
| <b>2:50pm</b> | State of the turf industry (e.g., number and distribution of crumb manufacturing facilities, tire crumb production volumes, end uses, and number and distribution of turf fields, etc.) | <i>STC, RRC, SFA</i>         |
|               | • Varieties of tires, machinery, and techniques used in the crumb rubber manufacturing process  |                              |
|               | • Any additional processing of crumb rubber prior to use in synthetic turf fields   |                              |
|               | • Storage, packaging, and transportation of crumb rubber  |                              |
|               | • Construction, installation, and maintenance of synthetic turf fields  |                              |
|               | • Recommended resources for more information  |                              |
| <b>3:30pm</b> | Further discussion, presentations on additional topics or questions (20 min)  | <i>EPA and STC, RRC, SFA</i> |
| <b>3:50pm</b> | Establishment of follow-up activities (10 min)  | <i>EPA</i>                   |

4:00pm

**From:** Nancy A. Nord [<mailto:nnord@ofwlaw.com>]  
**Sent:** Wednesday, March 16, 2016 10:11 AM  
**To:** Villamizar, Nicole <[Villamizar.Nicole@epa.gov](mailto:Villamizar.Nicole@epa.gov)>; Janjic, Ksenija <[Janjic.Ksenija@epa.gov](mailto:Janjic.Ksenija@epa.gov)>  
**Cc:** Carusiello, Chris <[Carusiello.Chris@epa.gov](mailto:Carusiello.Chris@epa.gov)>; Chow, Rita <[Chow.Rita@epa.gov](mailto:Chow.Rita@epa.gov)>;  
McQueen, Jacqueline <[McQueen.Jacqueline@epa.gov](mailto:McQueen.Jacqueline@epa.gov)>; Elliot Belilos <[ebelilos@ofwlaw.com](mailto:ebelilos@ofwlaw.com)>  
**Subject:** RE: crumb rubber issue: request for meeting

Currently Ms. Amy Brackin, the Chairman of the Synthetic Turf Council is planning to attend the meeting next week. Other participants include: Mr. Rom Reddy, Sprinturf, representing the Safe Fields Alliance, Mr. Steve Bigelow, Liberty Tire, representing the Recycled Rubber Council, Dr. Michael Cobb, toxicologist and independent consultant to the Synthetic Turf Council, and Michael Peterson, toxicologist, Gradient Corp. I will attend the meeting as will my colleague, Elliot Belilos.

We look forward to getting your agenda and meeting details at your earliest convenience.

Nancy

**From:** Villamizar, Nicole [<mailto:Villamizar.Nicole@epa.gov>]  
**Sent:** Wednesday, March 16, 2016 9:49 AM  
**To:** Nancy A. Nord; Janjic, Ksenija  
**Cc:** Carusiello, Chris; Chow, Rita; McQueen, Jacqueline  
**Subject:** RE: crumb rubber issue: request for meeting

Hi Nancy: We will be forwarding you information about the meeting, including expected EPA participants, a draft/proposed agenda, and directions for getting to the meeting room, by the end of this week. As point of clarification on our end, will representatives from the Synthetic Turf Council also be in attendance, or just the Safe Fields Alliance and the Recycled Rubber

Council?

Thank you,

Nicole

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Nicole L. Villamizar

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**From:** Nancy A. Nord [<mailto:nnord@ofwlaw.com>]

**Sent:** Thursday, March 10, 2016 10:47 AM

**To:** Janjic, Ksenija <[Janjic.Ksenija@epa.gov](mailto:Janjic.Ksenija@epa.gov)>; Villamizar, Nicole <[Villamizar.Nicole@epa.gov](mailto:Villamizar.Nicole@epa.gov)>

**Cc:** Carusiello, Chris <[Carusiello.Chris@epa.gov](mailto:Carusiello.Chris@epa.gov)>; Chow, Rita <[Chow.Rita@epa.gov](mailto:Chow.Rita@epa.gov)>;

McQueen, Jacqueline <[McQueen.Jacqueline@epa.gov](mailto:McQueen.Jacqueline@epa.gov)>

**Subject:** RE: crumb rubber issue: request for meeting

Ksenija, thank you for your help in arranging a meeting with representatives of the synthetic turf and recycled rubber industry. We would welcome a 1.5 hour meeting with your team on March 22 from 2:30 to 4 pm. Please let us know who will be in the meeting from your side and I will do the same when I have that information. Also please let us know where the meeting will take place and any instructions for getting to the meeting room. Again, thanks so much.

Nancy Nord

**From:** Janjic, Ksenija [<mailto:Janjic.Ksenija@epa.gov>]  
**Sent:** Tuesday, March 08, 2016 11:31 AM  
**To:** Nancy A. Nord; Villamizar, Nicole  
**Cc:** Carusiello, Chris; Chow, Rita; McQueen, Jacqueline  
**Subject:** Re: crumb rubber issue: request for meeting

Hi Nancy,

I am emailing from the EPA's Office of Resource Conservation and Recovery to follow up on your communication with Nicole Villamizar around the federal research of the recycled crumb rubber used in playing fields. As left off with Nicole, I wanted to check if the synthetic turf industry would be available for a 1.5 hour meeting on March 22, between 1:00 and 4:00 PM, or on March 23, between 2:00 and 4:00 PM.

The purpose of the meeting between the EPA and the industry would be to share information relevant to the federal research as outlined in the Federal Action Plan. I am sure you and Nicole already covered the background for the effort, but for the sake of further helping with the planning and preparation for the meeting, I wanted to quickly highlight that EPA is primarily interested in the topics of:

- If for the ease of communication, there is a central list of just the tire crumb manufacturers
- What tires are used in the manufacture of tire crumb, e.g., whether tires are screened for their use in the manufacture
- How tires are processed to manufacture tire crumb
- How the tire crumb is further processed for infill use
- How the tire crumb is stored, packaged, and transported to customers
- What facility's worker health and safety practices are used
- Basic trends in the crumb rubber industry, including sales and machinery
- How synthetic turf fields with tire crumb infill are constructed, installed, and maintained

We are of course, also, very open to answering any questions the industry has regarding the Federal Action Plan, and for the preparation on our end, would welcome your feedback as to what those questions may be in advance of our meeting.

Thank you for your time and availability. We are looking forward to meeting you.

Best,

Ksenija Janjic

Office of Resource Conservation and Recovery

US Environmental Protection Agency

phone: 703 347 0376

fax: 703 308 0522

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**From:** Nancy A. Nord <[nnord@ofwlaw.com](mailto:nnord@ofwlaw.com)>

**Sent:** Wednesday, March 2, 2016 8:09 AM

**To:** Villamizar, Nicole

**Cc:** Janjic, Ksenija; Carusiello, Chris; Chow, Rita; McQueen, Jacqueline

**Subject:** RE: crumb rubber issue: request for meeting

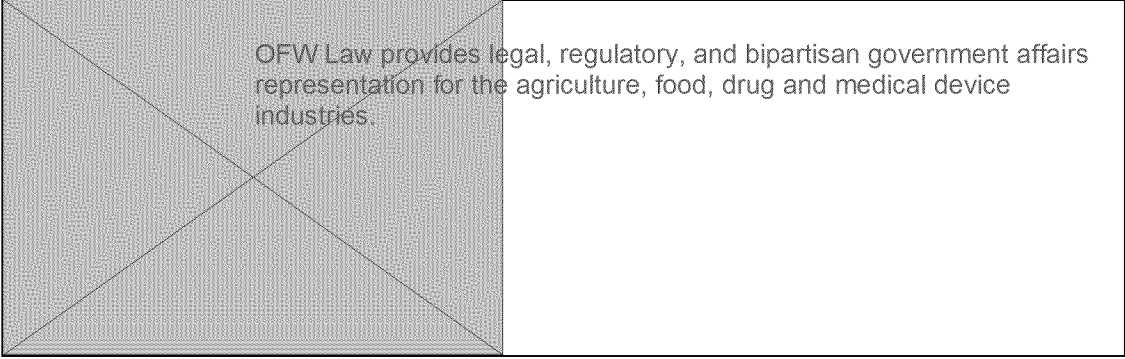
Nicole, thank you for your prompt response. The beginning of week of March 28 (Monday, Tuesday or Wednesday) would work as well for a meeting with the synthetic turf industry. Alternatively, the last two weeks of April would also be available.

Nancy Nord

**Nancy A. Nord, Esq.**

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**From:** Villamizar, Nicole [Villamizar.Nicole@epa.gov]  
**Sent:** Tuesday, March 01, 2016 4:13 PM  
**To:** Nancy A. Nord  
**Cc:** Janjic, Ksenija; Carusiello, Chris; Chow, Rita; McQueen, Jacqueline  
**Subject:** RE: crumb rubber issue: request for meeting

Hi Nancy,

Thank you for following up with me. We look forward to talking with you and the groups you represent more on this issue. The week of March 21 may work, and is there also an alternative week you could propose? Thank you, and we will aim to get back to you as soon as possible.

Regards,

Nicole

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Nicole L. Villamizar

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**From:** Nancy A. Nord [<mailto:nnord@ofwlaw.com>]

**Sent:** Tuesday, March 01, 2016 11:45 AM

**To:** Villamizar, Nicole <[Villamizar.Nicole@epa.gov](mailto:Villamizar.Nicole@epa.gov)>

**Subject:** crumb rubber issue: request for meeting

Nicole, we spoke last week about the work your office is doing to reach out to stakeholders on this issue. I represent the Recycled Rubber Council and the Safe Fields Alliance, organizations made up of the manufacturers of rubber mulch and the synthetic turf used on playing fields. These groups as well as the Synthetic Turf Council, the overall association representing the industry, are very anxious to provide whatever help they can to EPA as you carry out your responsibilities under the federal action plan. When we talked, you suggested that a meeting with the synthetic turf industry would be appropriate in the next few weeks. The industry would be very interested in such a meeting and I would like to begin the work to get it scheduled.

Would you and your team be available the week of March 21 for such a meeting? The purpose would be to outline what information the industry has that is relevant to your study, understand what additional information you may be seeking, and provide whatever assistance they can to facilitate this effort. I look forward to hearing from you.

Nancy

Nancy A. Nord, Esq.



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